

# Roadmap for Operationalizing eduGAIN



## Deprecated

Note that this page has been deprecated. The information it contains is no longer current.

This is a roadmap for operationalizing eduGAIN participation in the InCommon Federation.

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A *Global Metadata Aggregator* that imports eduGAIN metadata as outlined in this document has been developed and deployed by InCommon Operations. Using this new infrastructure, a snapshot of [InCommon metadata](#) was taken on February 15, 2016.

## Milestones

### Phase 0 [DONE] Introduce the MD-RPI schema

Introduce the MD-RPI schema into production metadata.

- Introduce the `<mdrpi:RegistrationInfo>` element into production metadata
- Introduce the `registered-by-incommon` entity attribute into production metadata
- Introduce the `<mdrpi:PublicationInfo>` element into production metadata
  - Align with the `<mdrpi:PublicationInfo>` element in the export aggregate

For more info: [Registered By InCommon Category](#)

### Phase 1 [DONE] Deploy user interfaces in the FM

Deploy user interfaces in the Federation Manager. Perform the following operations:

1. **Deploy an updated user interface for requested attributes in the Federation Manager**
  - a. Deprecate SAML1-format `<md:RequestedAttribute>` elements in SP metadata
  - b. Support the `isRequired` XML attribute in SP metadata
2. **Deploy a user interface for IdPs in the Federation Manager**
  - a. Give Site Administrators the ability to self-assert membership in the [Hide From Discovery Category](#)
3. **Deploy initial user interfaces for IdPs and SPs in the Federation Manager**
  - a. Give Site Administrators the ability to opt out of default export of IdP metadata
  - b. Give Site Administrators the ability to explicitly opt into the export of SP metadata

For more info: Federation Manager [Release Notes](#)

### Phase 2 [DONE] Import eduGAIN metadata into the preview aggregate

Import eduGAIN metadata into the preview aggregate. Perform the following operation:

1. **Import global metadata into the preview aggregate**
  - a. Advise deployers to point their pre-production systems at the preview aggregate



## Post-Phase 2 Metrics

Upon completion of Phase 2 (on January 15, 2016), the InCommon preview aggregate was over 32MB in size, with 1934 IdPs and 3635 SPs.

### Phase 3 [DONE] Begin production integration with eduGAIN

Sync the main production aggregate with the preview aggregate and begin exporting metadata at scale to eduGAIN. Perform the following operations *in order*:

1. **Deploy final user interfaces for IdPs and SPs in the Federation Manager**
  - a. Continue to give Site Administrators the ability to opt out of default export of IdP metadata
  - b. Continue to give Site Administrators the ability to explicitly opt into the export of SP metadata
2. **Import global metadata into the main production aggregate**
  - a. Sync the main production aggregate with the preview aggregate
  - b. Maintain the fallback aggregate for a minimum of one month
3. **Export InCommon metadata to eduGAIN**
  - a. Export all IdP metadata by default, except those IdPs that have explicitly opted out
  - b. Export SP metadata on demand, for those SPs that have explicitly opted in



#### Post-Phase 3 Metrics

Upon completion of Phase 3 (on February 15, 2016), the main InCommon aggregate was over 32MB in size, with 1991 IdPs and 3713 SPs.

## Phase 4 [**DONE**] Complete production integration with eduGAIN

Sync all [metadata aggregates](#) in the pipeline.

1. Import global metadata into the fallback aggregate
  - a. Sync the fallback aggregate with the main production aggregate.



#### Post-Phase 4 Status

All [metadata aggregates](#) are in sync as of March 29, 2016. Full integration status has been achieved.